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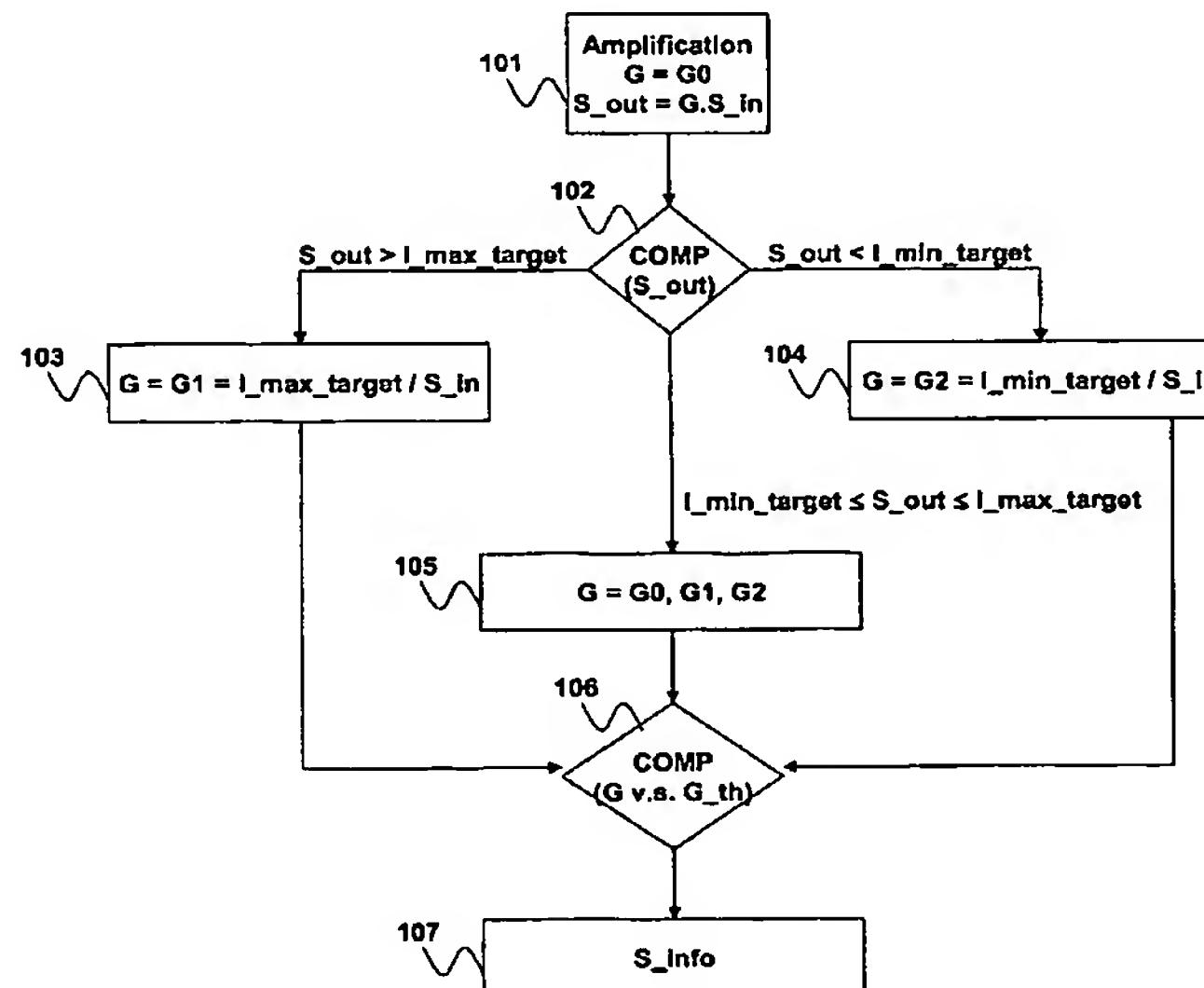
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[Continued on next page]

(54) Title: METHOD AND SYSTEM FOR CONTROLLING THE LEVEL OF A DATA SIGNAL READ FROM AN OPTICAL DISC



(57) Abstract: The invention relates to a method of controlling the level of an input readout signal read from an optical disc. The method proposes to use an amplification step for amplifying the input readout signal by an adjustable gain factor for generating an amplified output readout signal having an amplitude in the range [ $I_{min\_target}$ ,  $I_{max\_target}$ ]. The value of this gain is derived from a feedback loop control in charge of comparing the level of the output readout signal with that of target levels  $I_{min\_target}$  and  $I_{max\_target}$ , and deriving a gain value taking into account the level of the input readout signal. This loop control renders it possible to clamp the input readout signal, counteracting as a consequence the decrease of the input readout signal in the case of a reflectivity reduction of the optical disc. Use: Optical disc reader.

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